

ABSTRACT OF THE DISCLOSURE

To provide an optical sensor unit in which the respective optical sensor elements can be easily provided on a curved surface without using wirings, a  
5 reduction in image pickup speed due to wiring delay is prevented to improve a photographing speed, and highly sensitive photographing is realized. The optical sensor unit is composed of an image pickup area section in which a large number of radio optical  
10 sensors are arranged and a radio communication means located in the vicinity thereof. The radio communication means has an image data signal circuit, a radio transmission circuit connected therewith, and an antenna. Each of the radio optical sensors is  
15 composed of an optical sensor element, a radio element, and an antenna.